

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
 690 Walnut Ave.St. 150
 Vallejo, CA 94592-1133
 (707) 649-5453
 (707) 649-5493

Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 99.28**WELDING INSPECTION REPORT****Resident Engineer:** Casey, William**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-029003**Date Inspected:** 07-Jan-2013**Project Name:** SAS Superstructure**OSM Arrival Time:** 600**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1630**Contractor:** American Bridge Manufacturing**Location:** Reedsport, OR**CWI Name:** Harry Woodworth**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** Bike Path Railing Call Box**Summary of Items Observed:**

The Caltrans Quality Assurance Inspector (QAI) Jamie Schlarb was at the offsite fabrication facility of American Bridge Manufacturing (ABM) between times noted above in order to monitor Quality Control functions and the in process work being performed by ABM personnel. The following items were observed:

The QAI witnessed work in progress related to Bike Path Railing Call Box:

This QAI observed ABM personnel performing fit up and tack welding operations of multiple parts for the Bike Path Railing Call Box. The ABF approved drawing numbers utilized were sheet number 2 of 4. The parts fit on the components were 215 to 216, 214 "Long Pipe Rail" to 217 "End Plate" and 213 to 216 for the rail assembly. The ABM Welder was Ron Bowser (ID# A4) and utilizing ABM FCAW WPS #ABM-SAS-031.

The QAI observed ABM Quality Control Inspector (QCI), Harry Woodworth monitor the fit up and welding operations, checking pre-heat and interpass temperatures, perform dimensional and visual inspection which appeared to be in conformance with the approved drawings noted above, the standard specification and special provisions.

WELDING INSPECTION REPORT

(Continued Page 2 of 2)



Summary of Conversations:

None unless noted above.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Gary Thomas (916) 764-6027, who represents the Office of Structural Materials for your project.

Inspected By: Schlarb, Jamie

Quality Assurance Inspector

Reviewed By: Riley, Ken

QA Reviewer